

# NITATION ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION

## DIRECTIONS

When applied as an aerosol with the Hub States Pulsfog Applicator, Hub States Formula 80 is recommended for the control of Powdery Mildew on Roses and Chrysanthemums, Botrytis on Chrysanthemums, and Alternaria. For controlling Powdery Mildew, Botrytis and Alternaria, follow a protective schedule at 10-day intervals, beginning before disease occurs. If severe infections exist, repeated applications are necessary. For controlling Powdery Mildew, Botrytis and Alternaria, make three applications of Hub States Formula 80 at 72-hour intervals, followed by a regular preventative program of 7 to 10 day intervals.

**APPLICATION-DOSAGE:** (1) Calculate in cubic feet the greenhouse space to be treated. For Roses and Chrysanthemums in greenhouses, 1 ounce of Formula 80 will treat 3,000 cubic feet of space; 16 ounces will treat 50,000 cubic feet; and 32 ounces will treat 100,000 cubic feet. (2) Pour into the Hub States Pulsfog Applicator insecticide tank the required number of ounces of Formula 80 to treat the calculated space.

**PREPARATION OF THE GREENHOUSE PRIOR TO FOGGING:** (1) Close all doors, windows and ventilators. (2) Lock or barricade all entrances, post warning signs, take precautions to prevent persons and animals from entering the area. (3) Turn off all misting systems. Be certain all blossoms and foliage are dry. (4) Room temperatures should read from 70° to 85° F.

**APPLICATION-METHOD:** Wear a full-faced gas mask with Willson G3FD canister or the U. S. Department of Agriculture equivalent for protection for Chlorinated Insecticide Protection. (1) Open the metering valve on the Hub States Fog applicator counterclockwise to the No. 4 setting on the dial. Eight ounces of liquid will be fogged per minute with a mass median diameter of 5 microns. (2) Start the pulsating jet engine of the Hub States Pulsfog applicator and allow it to run for one full minute before opening the insecticide valve.

LOT No.

EPA Reg. No. 5602-76



**Hub States Corporation**  
 ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION  
 2000 North Illinois St., Indianapolis, Ind. 46202 Phone 317-925-1111

## FORMULA 80

A CONCENTRATED FUNGICIDE FORMULATION FOR USE ON GREENHOUSE ORNAMENTALS AND TO BE APPLIED WITH A HUB STATES PULSFOG APPLICATOR AEROSOL GENERATOR ONLY.

ACTIVE INGREDIENTS	By Wt.
Cupric 8-quinolinolate	2.00%
2,4-Dinitro-6-octyl*phenyl crotonate	
2,6-Dinitro-4-octyl*phenyl crotonate	73%
Nitrooctyl*phenols (principally dinitro)	.05%
INERT INGREDIENTS	97.22%
*A mixture of 1-methylheptyl, 1-ethylhexyl, and 1-propylpentyl isomers.	
TOTAL 100.00%	

**CAUTION** KEEP OUT OF THE REACH OF CHILDREN  
 See Side Panels for additional Cautions.



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**ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION ADVANCED PRODUCTS FOR ENVIRONMENTAL SANITATION ADVANCED**



# FORMULA 80

**CONCENTRATED FUNGICIDE FORMULATION FOR  
 ON GREENHOUSE ORNAMENTALS AND TO BE  
 LIED WITH A HUB STATES PULSFOG APPLICATOR  
 OSOL GENERATOR ONLY.**

<b>ACTIVE INGREDIENTS</b>	<b>By Wt.</b>
2,4-Dichloro-8-quinolinolate	2.00%
Dinitro-6-octyl*phenyl crotonate	.73%
Dinitro-4-octyl*phenyl crotonate	.05%
2,4-Dichloro-octyl*phenols (principally dinitro)	97.22%
<b>INERT INGREDIENTS</b>	
Mixture of 1-methylheptyl, 1-ethylhexyl, 1-propylpentyl isomers.	TOTAL 100.00%

**CAUTION KEEP OUT OF THE REACH OF CHILDREN**  
 See Side Panels for additional Cautions.

**DIRECTIONS (CONT.)**

(3) Walk backward down the entire length of the center aisle of the greenhouse directing the fog over the plants, swaying the machine back and forth, to blanket two benches from each side of the aisle. Keep the Hub States Fog applicator nozzle at a minimum of four feet from plants. The Hub States Fog applicator should never be in a fixed position—it is to be constantly moving so as to cover the entire area as evenly as possible. Do not over-apply to the point where foliage is visibly wet. Where bench Chrysanthemums, Roses and other crops are of such height where it is difficult to fog over the plants without wetting the foliage, then direct the fogging operation under the benches. Sway the machine back and forth, occasionally pointing the Hub States Fog applicator nozzle upward where possible. Repeat applications as often as necessary.

**DURATION OF EXPOSURE:** Length of exposure time is 1½ hours with ventilators and doors closed. After this exposure time, house should be well ventilated—at least 1 hour—before re-entering.

**CAUTION**

Read entire label carefully. Use only as directed. Keep out of the reach of children. Keep away from food and food products. May be absorbed through the skin. Avoid contact with the skin. If skin is contaminated, wash thoroughly with soap and warm water. Avoid inhalation of the fog. Always wear a gas mask of a type recommended by the U. S. Department of Agriculture for chlorinated insecticide protection. Harmful if swallowed.

This product is toxic to fish. Do not contaminate water by cleaning of equipment, or disposal of wastes.

**IMPORTANT STORAGE INSTRUCTIONS**

If subjected to temperatures below 32° F. move container to warm storage until reaching average temperature and thoroughly mix before use.

Do not reuse container. Destroy when empty.

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